

# Work Order ID 64261

December 1, 2010 9:12:41 AM

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Item ID: D2011-103

Revision ID:

Item Name: 8" Mirror

Start Date: 12/01/10 Start Qty: 3.00

Required Date: 12/02/10 Req'd Qty: 3.00

Reference:

Approvals: Process Plan: 

QC:

Date:

Date:

Tooling:

SPC (Y/N):

Date:

Date:

Run Start

Stop

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D2011

Rev G

140

QC5- Inspect part completeness to step on W/O

0.00

8.10/12/01

(X3)

QC

Memo

0.00

Quality Control

RE-INSPECT  
D2011-103 B40246

150

Identify as per dwg & Stock Location: <sup>179</sup>180

0.00

Packaging

Memo

0.00

Packaging

RE-IDENTIFY USING NEW B/N

160

QC21- Final Inspection - Work Order Release

0.00

QC

Memo

0.00

Quality Control

10/12/02

ME  
10-12-01

# Picklist Print

December 1, 2010 9:12:40 AM

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Work Order ID: 64261

Parent Item: D2011-103

Parent Item Name: 8" Mirror



Start Date: 12/01/10

Required Date: 12/02/10

Start Qty: 3.00

Required Qty: 3.00

## Comments:

IPP: J: 04.09.15 Added Steps 5-7 : KJ/JLM  
IPP K 08.11.06 dwg rev G EC verified by: DD IPP rev L  
10.01.13 added wrap per ncr09-118 EC verified by:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2011-103		Manufactured	No				Each	66.0000		3			



8" Mirror



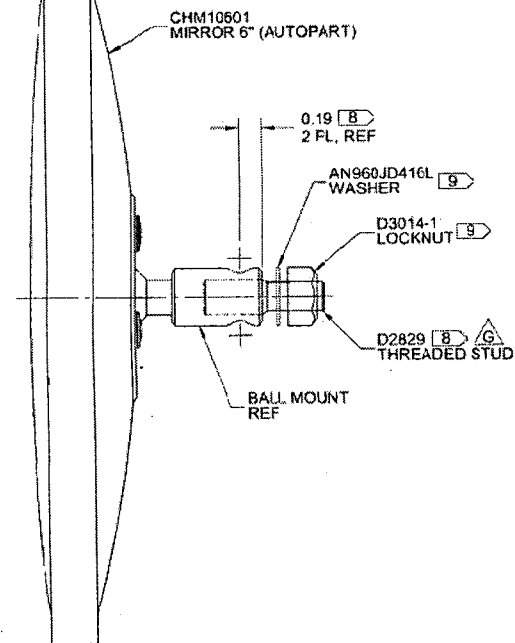
Location	Loc Qty	Loc Code
ST226	66	
43342	25	
52198	9	
58399	32	

40246

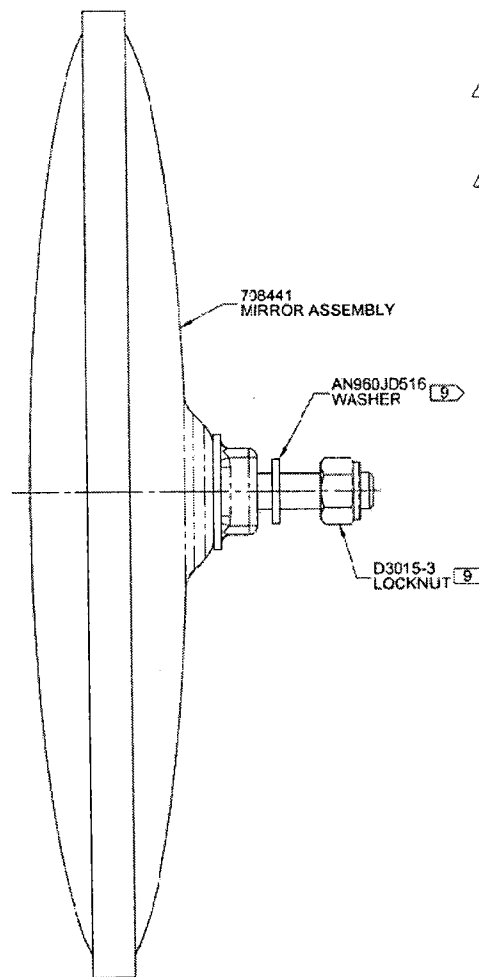
3

B40246 (F3)

8/10/12/4



**D2011-101 MIRROR ASSEMBLY 6"**



**D2011-103 MIRROR ASSEMBLY 8"**

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: D2011-101 = 0.6 lbs APPROX. ; D2011-103 = 1.0 lbs APPROX.
- 8) D2829 INSTALLATION PROCEDURE:
  - APPLY LOCKTITE 262 TO  $\phi 5/16$  END OF D2829
  - THREAD BY HAND INTO BALL MOUNT UNTIL ENTIRE  $\phi 5/16$  END OF D2829 IS WITHIN BALL MOUNT
  - CRIMP BALL MOUNT ON TWO OPPOSING SIDES, 0.19 FROM END AS ILLUSTRATED USING TOOL DT8317
  - CRIMP TO DEPTH OF  $0.040 \pm 0.010$  USING R0.125
- 9) INSTALL LOOSE

ITEM	QTY -101	QTY -103	P/N	DESCRIPTION
1	X		D2011-101	MIRROR ASSEMBLY 6"
2		X	D2011-103	MIRROR ASSEMBLY 8"
3	1		D2829	THREADED STUD
4	1		D3014-1	LOCKNUT
5		1	D3015-3	LOCKNUT
6	1		CHM10801	MIRROR 6" (AUTOPART)
7		1	708441	MIRROR 8" (VELVAC)
8	1		AN960JD416L	WASHER
9		1	AN960JD516	WASHER

**REFERENCE ONLY**

**RELEASED**  
08-10-2006

G	REDRAWN IN SOLIDWORKS TO CURRENT STANDARD AND TRANSFERRED TO 'B' SIZE FORMAT. MIRROR 6" (AUTOPART) AND CHM10801 WERE MIRROR 6" (GROTE) AND P/N 28043 (Z/N D3-1). ADDED D2829 (Z/N D3-1 AND Z/N C6-1); REMOVED DRILLING NOTE, VIEW A-A AND SIKAFLEX APPLICATION NOTE. REASON: GROTE PRODUCT IS DISCONTINUED	MB	08.10.06
F	ADD HOLES FOR SEALANT ON -101	CP	04.09.10
E	NEW 8" MIRROR	CP	01.05.06
D	NEW 6" MIRROR, ADD NUT, REMOVED STUD	CP	01.04.23
C	REPLACE DOMINION AUTO MIRRORS WITH PHILLIPS, ADDED STUDS, REDRAWN	RF	99.06.01
B	SIKAFLEX 241 ADDED	JB	98.04.09
A	DWG NO. WAS DSP1011, ADDED -103	JB	90.06.15
-	NEW ISSUE	JB	90.03.31
REV.	DESCRIPTION	BY	DATE
DESIGN	JB		
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	08.10.06		

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.  
**D2011**

REV. G  
SHEET 1 OF 1

TITLE  
**MIRROR ASSEMBLY**

SCALE  
NTS

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**L Lacelle**

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**From:** Jason Murdoch [jmurdoch@dartaero.com]

**Sent:** November 30, 2010 3:10 PM

**To:** 'L Lacelle'

**Subject:** RE: D2011-103

So we can have proper closure on a batch #. Validating the last 3 for the entire 50.

**Jason Murdoch**

**Quality Coordinator**

jmurdoch@dartaero.com

**DART Aerospace Ltd.**

**613-632-5200**

64261

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**From:** L Lacelle [mailto:llacelle@dartaero.com]

**Sent:** Tuesday, November 30, 2010 2:01 PM

**To:** 'Jason Murdoch'

**Cc:** 'Susanne Sheldon'; 'Suzanne Bedford'; 'Eric Downing'

**Subject:** RE: D2011-103

Why? We made 50 of these, and have only 3 left, so why re-inspect etc..?

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**From:** Jason Murdoch [mailto:jmurdoch@dartaero.com]

**Sent:** November 30, 2010 1:53 PM

**To:** 'L Lacelle'

**Cc:** 'Susanne Sheldon'; 'Suzanne Bedford'; 'Eric Downing'

**Subject:** D2011-103

Hi L,

Sue B tried to ship out a D2011-103 mirror B40246 & realized there was no QC21. Can you make a w/o to re-inspect what is remaining on that batch, with a COSS print off of the closed order, and we can re-stock with the new batch # & have a completed QC21? They were made to Rev F.

Thanks,

**Jason Murdoch**

**Quality Coordinator**

jmurdoch@dartaero.com

**DART Aerospace Ltd.**

**613-632-5200**

12/01/10